

# SACHIN GHULE

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## SUMMARY

Full Stack Developer with **2+** years of experience in designing and developing scalable web applications using **Java, Spring Boot, Hibernate, and J2EE**. Hands-on experience in building **RESTful APIs** with **Node.js and Express.js** and developing dynamic frontends using **React.js**. Proficient in **MySQL, MongoDB, Docker, Redis, and AWS (EC2, S3, RDS)** for cloud deployment and integration. Strong understanding of **Agile** methodologies, **API development**, and end-to-end web architecture across both **Java** and **JavaScript** ecosystems.

## WORK EXPERIENCE

### Junior Java Developer at A2Z IT HUB PVT.LTD

May 2023 - Nov 2024

- Designed and implemented RESTful APIs using Core Java, Spring Boot, and Hibernate to ensure high-performance backend services.
- Developed and optimized database schemas and queries in MySQL to support application logic and maintain data integrity.
- Enhanced user interfaces using HTML5, CSS3, Bootstrap, and JavaScript, improving responsiveness and engagement.
- Worked on Java-based enterprise applications, focusing on seamless integration, modularity, and scalability.
- Contributed to projects involving authentication systems, API development, and database optimization.
- Collaborated closely with cross-functional teams to meet project deadlines and deliver high-quality software.
- Improved code quality by applying Java 8 features such as streams, lambda expressions, and generics.

### Full Stack Developer at NEXASPRINT TECHNOLOGIES PVT.LTD

Jan 2025 – Nov 2025

- Developed full-stack applications with Java, Spring Boot, React.js.
- Integrated AI models for chatbot systems, document analysis, and intelligent workflows.
- Built desktop applications and embedded AI chatbots into them using Electron.js.
- Deployed and hosted applications on AWS, ensuring scalability and reliability.
- Integrated systems with Microsoft Active Directory for secure user authentication and access control.
- Worked on a migration project converting legacy .NET with MS-SQL systems to Java + PostgreSQL, using Gemini AI model for data transformation.
- Contributed to CCTV cheating detection system using OpenCV and AI.
- Collaborated with another team on backend services using Node.js and Express.js for microservices integration.

## SKILLS

- Languages & Frameworks:** Java, Spring Boot, Hibernate, J2EE (JSP/Servlets), Node.js, Express.js
- Frontend Technologies:** React.js, HTML5, CSS3, JavaScript, Tailwindcss etc
- Backend Technologies:** Spring Boot Microservices, RESTful API Development, JSON, MVC Architecture, Authentication & Authorization (JWT, OAuth2)
- Databases & Caching:** MySQL, MongoDB, Redis, SQL, Database Design & Optimization
- Cloud Platforms:** AWS (EC2, S3, RDS, Elastic Beanstalk)
- DevOps & Tools:** Docker, Git, GitHub, Maven, Tomcat, Postman, Jenkins, Eclipse IDE, Visual Studio Code (VS Code), Spring Tool Suite (STS)
- AI & Third-Party Integrations:** OpenCV, AI Chatbot Integration, REST API Integration, Payment Gateway Integration
- Soft Skills:** Team Collaboration, Analytical Thinking, Problem Solving, Adaptability, Time Management, Agile & Scrum Methodologies

## PROJECTS

### HRMS Chatbot Assistant (Desktop App)

- Built a desktop application using Electron.js, Spring Boot, and AI models to assist employees with HR-related queries.
- Integrated third-party HRMS systems like GreytHR and ZingHR APIs.
- Included a common pool for company policies, leave rules, and employee data.
- Implemented role-based authentication for employees, team leads, and founders.
- Integrated GPT-based AI assistant to answer queries related to salary, policies, and workplace info.

### Code Migration – (Training Nseit)

- Migrated a legacy government portal from .NET with MS-SQL to Java (JSP, Spring Boot) with a PostgreSQL database.
- Rebuilt components in Java while preserving business logic and improving maintainability.
- Used Gemini AI to assist with code translation and database schema transformation.

### CCTV Exam Cheating Detection System

- Developed a smart proctoring system using React.js, Spring Boot, and OpenCV to detect cheating behavior during online exams.
- Enabled users to upload recorded videos, which the AI processed to annotate objects and highlight cheating frames.
- Generated detailed reports in PDF and image formats showing cheating incidents with timestamps.
- Included a live proctoring mode with camera access for real-time monitoring and automated video uploads to the admin panel.

### Employee Management System

- Created a web-based platform for managing employees, clients, and project requirements.
- Used Spring Boot, MySQL, Thymeleaf, HTML, CSS, JavaScript to build the system.

### Billing System

- Designed a billing and inventory system for retail businesses.
- Used Java, Spring Boot, Hibernate, Spring Security, Thymeleaf, and MySQL for secure and scalable development.

### AI-Driven Contract & PO Alert System

- Developed a portal to track contract and PO expiry dates and send proactive alerts to stakeholders.
- Implemented AI-based extraction of key details from uploaded documents, including expiry dates, stakeholder names, and email IDs.
- Built user-friendly interfaces using React.js and backend services with Spring Boot, storing data in MySQL.
- Enabled manual management of stakeholder information for flexibility and accuracy.

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## EDUCATION

### Master of Computer Application

2022-2024

- Vidyanchal Shikshan Sanstha, Dr. Babasaheb Ambedkar University, Aurangabad.

### Bachelor of Computer Application

2019-2022

- Matsyodari Arts, Commerce and Science College, Ambad, Dr. Babasaheb Ambedkar University, Aurangabad.

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## LANGUAGES

- English
- Hindi
- Marathi